

SEIC Overview



**Systems Engineering and Integration Contract
(SEIC)**

Industry Day Conference

15 Oct 03

Mr. Pat Dagle



Purpose

- Discuss ESC requirement to hire a Systems Engineering and Integration Contractor
- Solicit industry input
- Best approach to deliver mission planning capability





Outline

- **Government Team**
- **Requirements Overview**
- **Acquisition Strategy**
- **Industry Involvement**
- **Summary**



SEIC Acquisition Team

SPD

Col Bill Nelson

Legal

Mr. Edward Fitzmaurice

Contracting

Mr. Paul Canham
Capt Ericka Dailey

Program Management

Mr. Pat Dagle
Lt Col Janet Polaneczky
Ms. Elise Erikson
Capt Kyle Reybitz
Capt Liz Campbell
1Lt Jordan McCatherin
2Lt Matt Fontinel

Financial Management

Ms. Connie Hofmann
Mr. Kevin Kaminski
Mr. Joe Dean

ACE Advisors

Ms. Linda Jean
Mr. Joe Buzzell



Outline

- Government Team
- **Requirements Overview**
- Acquisition Strategy
- Industry Involvement
- Summary



SEIC Scope

- Management and technical tasks to integrate the Mission Planning Enterprise
 - Joint Mission Planning System (JMPS) Framework
 - Common Capabilities (CCs)
 - Unique Planning Components (UPCs)
- Management and technical tasks to support O&M and Life Cycle Upgrades of legacy systems
 - Portable Flight Planning Software (PFPS)
 - Tactical Automated Mission Planning System (TAMPS)
 - Army Mission Planning System (AMPS)
 - Mission Planning System (MPS)



Product Responsibilities

Future Requirements Management Assist	Program Management					
	Systems Requirements Analysis	Req. and Design Compliance	Integration Test	System Test	Operational Test Assist	Warfighter Use Assist
	HW/SW Req. Ana.	Component Test	Component Integration Test			

Government Program Mgmt

- Future Requirements Management
- Program Planning
- Controlling Technical Effort
- Product Line Evolution Management
- Contract Management
- Program Funding
- Risk Management
- System Architectural Considerations
- Organizational development

Products

- ### Developer
- HW/SW Requirements Analysis
 - HW/SW Design
 - Design Component
 - Design Capability
 - Component Test
 - Capability Testing
 - Risk Management
 - Technical Rules, Standards
 - Metrics
 - Training inputs

- ### Products
- Software Requirements Specification
 - Interface Design Documentation
 - Programmers Guide
 - Component test procedures
 - COE compliance Level 6
 - Security compliance & Metrics

- ### SEIC Tasks
- Integration
 - Requirements Analysis
 - Architecture and Design
 - System Evolution Management
 - Understanding UPC Customer Needs
 - CM DM QA
 - Cost, Schedule, Performance, Quality
 - Risk Management
 - Process Definition and Management
 - User Support
 - Engineering Management
 - MPE Management across platform
 - Developer Support
 - Maintain close coordination with Warfighters

- ### Products
- Top-level Architecture, Integrated Master Schedule, Metric reports, Data Model, CM Plan



SEIC Program Management

- Support Systems Engineering and Integration Team
- Manage MPEs across all USAF platforms, including legacies
- Process definition and support
- Program mgmt of all non-inherently governmental functions
 - Integration schedule
 - Program management support
 - Financial management tasks
 - Contract management support
 - Earned value management
 - Program management reviews
 - Subcontractor management
- Contractor personnel and facilities/security
- Establish Associate Contractor Agreements with MPEC, legacy developers



Outline

- Government Team
- Requirements Overview
- **Acquisition Strategy**
- Industry Involvement
- Summary



ACU VISION FOR SEIC

- Involve industry earlier in the acquisition planning stages through an innovative contract approach
- SPO provide guidelines and oversight
 - Contractor develops plans, options and executes projects
- Roles & Responsibilities
 - SPO - inherently governmental functions
 - MPEC - produce software
 - SEIC - everything else



Contract

- Full and open competition (FAR Part 15)
- Single source sought, ample subcontracting opportunities
- Proposed Contract Types
 - Cost Reimbursable
 - Cost Plus Award Fee
 - Time & Materials
 - Cost Plus Fixed Fee/Firm Fixed Price
- Period of Performance
 - 4-year base plus three 4-year options



SEIC Risks

- Organizational Conflict of Interest (OCI)
 - Separation of SEIC and MPEC
 - Delivery Order management process
 - Contracting and financial management insight of MPEC
- Management of multiple baselines
- Shifting workforce
 - Adequate transition plan
 - Adequate skill set of SEIC



Mission Planning Enterprise Rules

Business

- Gov't Purpose Rights (Preferred)
- Earned Value Management (EVM)
- SW-CMM Level 3 or Equivalent
- Associate Contractor Agreements
- Interface docs (ICDs, IDDs)
- Source/executable code releases
- Programmer's Guide delivered
- Open design reviews -All developers

Technical

- Mission planning domain knowledge
- Design for extensibility
- Design for foreign releasability
- COE Level 6 compliant (NCES)
- JMPS Security Target requirements
- Adhere to JMPS architectural standards
- Interface Design Language (IDL)
- Access to developer problem database
- Comply with DoD directives



Draft SEIC Milestones

- | | | |
|-------------------------------------|----------------------------------|--------------------|
| <input checked="" type="checkbox"/> | Release Sources Sought Synopsis | 10 Oct |
| <input checked="" type="checkbox"/> | SEIC Industry Day/One-on-One's | 15-17 Oct 03 |
| <input type="checkbox"/> | Risk Assessment | 23 Oct 03 |
| <input type="checkbox"/> | Quick pass | 29 Oct 03 |
| <input type="checkbox"/> | ASP | 5 Nov 03 |
| <input type="checkbox"/> | Draft RFP Release | 26 Nov 03 |
| <input type="checkbox"/> | SEIC Pre-Solicitation Conference | 4 Dec 03 |
| <input type="checkbox"/> | RFP Release | 14 Jan 04 |
| <input type="checkbox"/> | Proposals Due | 16 Feb 04 |
| <input type="checkbox"/> | Contract Award | 31 March 04 |



Outline

- Government Team
- Requirements Overview
- Acquisition Strategy
- **Industry Involvement**
- Summary



HERBB

Business Opportunities - Microsoft Internet Explorer provided by Hanscom AFB

File Edit View Favorites Tools Help

Address https://herbbtools.hanscom.af.mil/esc_opps.asp?rfp=R672

Business Opportunities

Systems Engineering and Integration Contractor

[Home](#) | [Disclaimer](#) | [Feedback](#) | [User Info](#) | [Help](#)

Acquisition Description Acquisition Information Program Manager Contracting Officer Page Manager

[Register to Receive E-mail Updates on this Acquisition](#) [View List of Companies Interested in Partnering](#)

[Make Your Company Information Public](#)
[E-mail comments to the page manager, Mathew Fontinel](#)

Acquisition Description

The Mission Planning System Program Office (SPO), Electronic Systems Center (ESC), Hanscom Air Force Base, MA is developing a DoD long-term system engineering and integration contract RFP for the Mission Planning Enterprise. This Enterprise encompasses organizations in the US Air Force, Navy, Army, Marines and Special Operations Forces. The scope of this proposed contract includes mission planning system engineering and integration over the next 15 years, likely with a 3-year initial term and a series of 4, 3-year options. The contract scope spans technical and management tasks associated with integrating the Joint Mission Planning System (JMPS) Framework, Common Capabilities (CCs), and Unique Planning Components (UPCs). The system Engineering and Integration Contractor SEIC will also support the O&M and Life Cycle Upgrades of the legacy systems PFPS and MPS. The SEIC will also support the technical and management tasks associated with migrating from the legacy MPS to JMPS. Under this contract the SPO provides guidance and oversight while the SEIC develops plans, proposes requirements, identifies technical, integration and management options, and executes many program management functions. These efforts may include, but are not limited to: 1) Requirements analysis: software requirements, working with users to define requirements, analysis and proposal of technical and integration

Available Documents

Pre-solicitation Documents

File Description	Download Native Format	File Size	File Date
Directions to MITRE	DOC	74,752	09/18/2003
Hotels Near MITRE	DOC	37,888	09/18/2003
Industry Day Announcement	DOC	28,160	09/18/2003

NOTE: If you have problems downloading files, please e-mail the page manager, [Mathew Fontinel](#).

Viewers for [Microsoft Office 97 and several other applications are available here.](#)

Start 05 SEIC Overview ... Business Opport... 9:41 AM

- Register to receive E-mail updates on this acquisition
- Industry day attendance list
- Any future info the gov't wants to share with industry will be posted here

https://herbbtools.hanscom.af.mil/esc_opps.asp?rfp=R672



Industry Input

- This is our draft strategy
- Looking for flexible long-term relationship
- Want to build the optimal strategy with your input
- Initial inputs
 - Email ideas, issues, risks, lessons learned, etc to PM and PCO
 - PM: Mr. Pat Dagle, patrick.dagle@hanscom.af.mil
 - PCO: Mr. Paul Canham, paul.canham@hanscom.af.mil
 - All inputs are welcomed – may not be able to respond to all
- Future inputs
 - May hold strategy sessions with industry
 - Need to work out details/issues

Need Your Insight To Develop A Contract That Makes Sense



Outline

- Government Team
- Requirements Overview
- Acquisition Strategy
- Industry Involvement
- **Summary**



SEIC Executive Summary

- Single contract vehicle for mission planning systems engineering and integration
 - Systems Engineering of JMPS Enterprise
 - Integration of JMPS components
 - Manage MPEs across all USAF platforms, including legacies
 - Evolution of mission planning products (son-of-JMPS)
- Support Air Force, Navy, Army, Marines, SOF and non-US requirements
- Single award – potential CR, CPAF, T&M, CPFF/FFP
- Period of Performance: 4-year base plus options
- Estimated percentage of total Mission Planning PE: 15 - 18 %
- Award in FY04 to execute increased funding